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TITLE: OPTICAL TRANSMISSION LINE SYSTEM
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ABSTRACT:

PURPOSE: To make adjustment of an output from a light emitting element in accordance with the length of an optical fiber cable unnecessary, by inserting an optical attenuator corresponding to the length of the optical fiber cable into an optical transmission line.

CONSTITUTION: An optical attenuator 15 is added in accordance with the length of an optical fiber cable 11. The optical attenuator 15 is formed by a

semitransparent plate e.g. and fitted to the point of a plug shaft 13a of the body 13 of a plug so as to shield an optical axis. Consequently, the loss of a transmission line between the light emitting element and a photodetecting

element can be adjusted within the specified range of a standard, so that it is unnecessary to adjust the output of the light emitting element even if the length of a cable 11 is different. It may be available to connect the optical attenuators 15 to both the ends of the optical connector part or to either one

of the ends of the optical connector part, as plural attenuators may be separately inserted in the same transmission line.

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